

Converting Colors

YUV(120.8150, 13.8952,
-23.5168)

Have a look what the booklet for
YUV(120.8150, 13.8952, -23.5168)
contains.

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Color

**YUV(120.8150, 13.8952,
-23.5168)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8195
RGB	94, 129, 149
RGB Percent	37%, 51%, 58%
CMY	0.6314, 0.4941, 0.4157
CMYK	0.37, 0.13, 0.00, 0.42
HSL	202°, 23%, 48%
HSV	202°, 37%, 58%
XYZ	17.8912, 20.2501, 31.3995
YIQ	120.8150, -27.2800, -1.2000

Conversions

Conversions Part 2

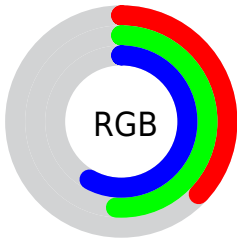
Format	Color
R_{YB}	94, 115, 149
Decimal	6193557
CIE _{Lab}	52.12, -7.06, -14.69
CIE _{LCh}	52, 16.299, 244.317
Yxy	20.2501, 0.2573, 0.2912
Android (android.graphics.Color)	4284383637 (0xFF5E8195)
YUV	120.8150, 13.8952, -23.5168
Hunter-Lab	45.0001, -7.7822, -9.8703

Details

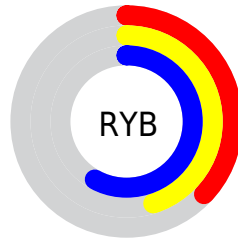
The YUV color **120.8150, 13.8952, -23.5168** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **122.1850, -13.8952, 23.5168**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6300, 14.4794, -24.2315**, and **71.2880, 13.1690, -23.9316** is the 20% darker color. If you saturate the color by 10%, you get **113.3950, 17.5533, -30.1644**, and if you desaturate by 10%, it is **128.2350, 10.2371, -16.8691**.

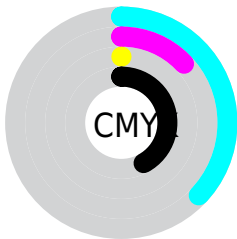
Distribution



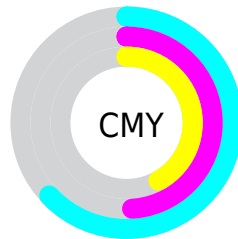
- Red (37%)
- Green (51%)
- Blue (58%)



- Red (37%)
- Yellow (45%)
- Blue (58%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (42%)



- Cyan (63%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8150, 13.8952, -23.5168 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 120.8150, 13.8952, -23.5168 by changing the saturation by 10% instead.

■ 120.8150, 13.8952,
-23.5168

■ 120.8150, 13.8952,
-23.5168

■ 255.0000, 0.0000,
0.0000

■ 95.7010, 13.4584,
-23.4168

■ 173.6300, 14.4794,
-24.2315

■ 71.2880, 13.1690,
-23.9316

■ 200.7440, 14.9162,
-24.3315

■ 47.2770, 13.1744,
-25.6759

■ 228.8750, 12.8796,
-24.4464

■ 26.4730, 12.5848,
-23.2168

■ 247.5250, 3.6852,
-15.3694

■ 11.7520, 9.4893,
-10.3065

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 120.8150, 13.8952,
-23.5168

■ 120.8150, 13.8952,
-23.5168

■ 113.3950, 17.5533,
-30.1644

■ 128.2350, 10.2371,
-16.8691

■ 105.3880, 21.5007,
-36.2973

■ 136.2420, 6.2897,
-10.7362

■ 97.9680, 25.1588,
-42.9449

■ 143.6620, 2.6316,
-4.0886

■ 89.9610, 29.1062,
-49.0778

■ 151.6690, -1.3158,
2.0443

■ 82.5410, 32.7643,
-55.7255

■ 159.0890, -4.9739,
8.6919

■ 74.8330, 36.5643,
-61.2435

■ 166.7970, -8.7739,
14.2100

■ 72.7510, 37.5908,
-63.8026

■ 174.2170,
-12.4320, 20.8577

■ 181.6370,
-16.0900, 27.5054

■ 189.6440,
-20.0375, 33.6382

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



119.0440, 9.8383, -28.9796



120.8150, 13.8952, -23.5168



123.8920, 13.8572, -11.3063

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



120.8150, 13.8952, -23.5168



126.3880, -1.6703, 22.4617



121.6330, -10.1721, -4.0631

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



120.8150, 13.8952, -23.5168



122.1850, -13.8952, 23.5168

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



123.6130, -13.1202, 8.2324



120.8150, 13.8952, -23.5168



125.9660, -8.3642, 22.8318

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



120.8150, 13.8952, -23.5168



126.7660, 5.0454, 15.1142



124.6080, -12.1317, 17.8838



120.1630, -4.0244, -15.9290

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



120.8150, 13.8952, -23.5168



125.4910, 12.0829, -2.1846



124.6080, -12.1317, 17.8838



122.6120, -11.6407, 0.3403

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



120.8150, 13.8952, -23.5168



182.7260, 5.5581, -9.4067



128.4510, -7.6173, -30.2135



90.1780, 3.3632, -5.4181



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



120.8150, 13.8952, -23.5168



150.3880, 21.5007, -36.2973



104.9660, 21.7088, -9.6172



70.1460, 1.9000, -2.7590



67.3880, 34.8117, -59.0993



4.6620, 2.6316, -4.0886

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



114.4350, 7.1805, 30.3135



140.5710, 11.0575, 46.8572



138.0340, -21.7088, 9.6172



69.5490, 0.7153, 3.9035



51.2940, 18.0961, 76.0412



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 120.8150, 13.8952, -23.5168 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 120.8150, 13.8952, -23.5168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

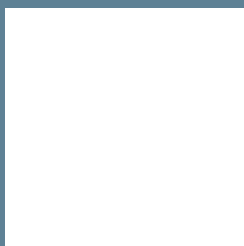
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.8150, 13.8952, -23.5168

Background



This preview shows how black text looks on a background with the YUV color 120.8150, 13.8952, -23.5168.



This preview shows how white text looks on a background with the YUV color 120.8150, 13.8952, -23.5168.

-23.5168.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

120.8150, 13.8952, -23.5168

Protanopia

124.6110, 10.0518, -4.0438

Deuteranopia

125.0180, 12.8091, -1.7698



Tritanopia

119.8920, 10.4062, -24.4613

Trichromacy



Original Color

120.8150, 13.8952, -23.5168

Protanomaly

123.2080, 11.2365, -10.7064

Deuteranomaly

123.3760, 13.1256, -9.9768

Tritanomaly

120.5330, 11.5692, -24.1464

Monochromacy



Original Color

120.8150, 13.8952, -23.5168

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9110, 4.9739, -8.6919

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8150, 13.8952, -23.5168 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(94, 129, 149)` looks like.

```
.text, #text, p{  
    color:rgb(94, 129, 149)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(94, 129, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 129, 149) }
```

Border

The CSS property to change the border of an element to YUV 120.8150, 13.8952, -23.5168 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 129, 149) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(94, 129, 149) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(94, 129, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 129, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 129, 149);  
box-shadow:4px 4px 4px 4px rgb(94, 129,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 120.8150, 13.8952, -23.5168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 129, 149) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(94, 129,  
149) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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